



COMBINED DECLARATION AND POWER OF ATTORNEY

As a bel w nam d invent r, I hereby declare that:

This declaration is of the following type:				
cont	nal ional inuation inuation-in-part			
	INVENTORSHIP IDENTIFICATION			
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:				
ETCH PROCESS FOR PHOTOLITHOGRAPHIC RETICLE MANUFACTURING WITH IMPROVED ETCH BIAS				
	SPECIFICATION IDENTIFICATION			
The specification of v	vhich:			
was here Expr	tached hereto filed on December 18, 2001, under Serial No. 10/024,958, executed on even date with; or ress Mail No.(as Serial No. not yet known) was amended on (if applicable) described and claimed in PCT International Application No on and as amended under PCT Article 19 on			
ACKN	OWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR			
•	have reviewed and understand the contents of the above-identified specification, as amended by any amendment referred to above.			
Title 37, Code of Fednamely, information	uty to disclose all information I know to be material to patentability in accordance with deral Regulations, §1.56, and which is material to the examination of this application; where there is a substantial likelihood that a reasonable Examiner would consider it whether to allow the application to issue as a patent, and			
	ompliance with this duty there is attached an Information Disclosure Statement in ordance with 37 CFR §1.98.			

Atty. Dkt. No.AMAT/4213.P1/ETCH/METAL/JB1

PRIORITY CLAIM (35 U.S.C. §119)

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I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	No such applications have been filed.							
	Such applications have been filed as follows:							
A.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119							S
	Countr	y/PCT	Application No	Date Filed		Priority Cla	imed	
	GERM	ANY (DE)	101 46 935.7	Sept. 24, 200	1	Yes □ Yes □ Yes □ Yes □	No No No	
В.		eign applicatio	n(s), if any, filed m	ore than 12 mos. (6 mos for	design) prid	or to this	
	Country Applica Filing d	tion No:						
C.	U.S. Pr	ovisional App	lication filed withir	12 months prior t	o this app	olication		
	Serial I	No.	<u>F</u>	iling Date				
	PRIORITY CLAIM (35 U.S.C. §120)							
PCT in insofar applica acknow (namely importal	ternation as the s tion(s) in tledge the y, inform ant in de	nal application(subject matter of the manner per duty to distinct where the ciding whether exprior application	er Title 35, United Sons) designating the sons of the claim provided by the first close information the ere is substantial lift to allow the application(s) and the nation	United States of Andrews of this application of this application of Title at its material to the kelihood that a reason to issue as a pall or PCT internation	nerica that is not diste a second the examination of the content o	t is/are listed sclosed in the ted States Contact of the ted states Contact of the ted scaminer would be contact occurred.	d below and at/those price code, §112, s application ld consider between the	d, or I n it
	\square	• •	cations have been fi ons have been filed			•		
	Carial N	lo 5 :::	Data	Datastad	Statu		ander - d	
	Serial N	<u>lo</u> . <u>Filing</u>	Date	Patented	Pendir	<u>ig</u> Ab	andoned	



PCT/US01/19282 June 15, 2001

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POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Registration No. 33,217 Donald Verplancken Peter J. Sgarbossa Registration No. 25,610 Lawrence Edelman Registration No. 25,226 Registration No. 37,165 Raymond Kam-On Kwong James C. Wilson Registration No. 35,412 Registration No. 25,436 Robert W. Mulcahy Walter Benjamin Glen Registration No. 44,713 B. Todd Patterson Registration No. 37,906 Registration No. 34,682 Raymond R. Moser, Jr. Registration No. 32,008 Keith M. Tackett Registration No. 32,982 Douglas H. Elliott Registration No. 34,102 William B. Patterson

Send correspondence to: Direct telephone calls to:

Patent Counsel

Applied Materials, Inc. P.O. Box 450-A

Santa Clara, CA 95052

B. Todd Patterson

Moser, Patterson & Sheridan, L.L.P.

Date:

(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of **first** inventor:

MELISA BUE

Inventor's signature:

Residence:

3463 Rosedale Drive San Jose, California 95117

Post Office Address:

Same as above.

U.S.A.

Country of Citizenship: USA

Atty. Dkt. No.AMAT/4213.P1/ETCH/METAL/JB1

Full name of second in	ventor: BRIGITTE STOEHR		•				
Inventor's signature:	Brigille 819h	Date:	3/19/02				
Residence:	1369 Alder Lake						
	San Jose, California 95131						
Post Office Address:	Same as above.						
U.S.A. Country of Citizenship: GERMANY							
Full name of third inve	ntor: GUENTHER RUHL						
Inventor's signature:		Date:					
Residence:	Josef-Martin-Bauer-Strasse 51						
	D-84405 Dorfen, Germany						
Post Office Address:	Same as above.						
	U.S.A. Country of Citizensl	hip: GERMANY					

(DECLARATION ENDS WITH THIS PAGE)





COMBINED DECLARATION AND POWER OF ATTORNEY

As a bel w named inventor, I hereby declare that:

This declaration is of the following type:
 □ original □ divisional □ continuation ⊠ continuation-in-part
INVENTORSHIP IDENTIFICATION
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
ETCH PROCESS FOR PHOTOLITHOGRAPHIC RETICLE MANUFACTURING WITH IMPROVED ETCH BIAS
SPECIFICATION IDENTIFICATION
The specification of which:
is attached hereto was filed on December 18, 2001, under Serial No. 10/024,958, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 or
ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.





I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

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В.		eign applic oplication	ation(s), if any, file	d more than 12 mos.	(6 mos for	design) prio	or to this
	Country Applica Filing d	ition No:					
C.	U.S. Pr	ovisional	Application filed wi	thin 12 months prior	to this app	lication	
	Serial I	No.		Filing Date			
			PRIORITY	CLAIM (35 U.S.C. §12	20)		
PCT in insofar applicated acknow (namely importated)	ternation as the s tion(s) in vledge the y, informant in de	nal applicate subject man the man he duty to hation where ciding whe	tion(s) designating the content of each of the content of the cont	d States Code, §120, ne United States of A aims of this application first paragraph of Tien that is material to allikelihood that a readication to issue as a ational or PCT internation	America that on is not discitle 35, United the the examination of the	is/are listed closed in the ed States Contact	below and, at/those prior ode, §112, I s application d consider it between the
			pplications have bee ications have been f				
	_				Status		
	Serial N	<u>vo</u> . Fi	ling Date	Patented	Pending	g Aba	andoned

PCT/US01/19282 June 15, 2001

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Walter Benjamin Glen	Registration No. 44,713
B. Todd Patterson	Registration No. 37,906
Raymond R. Moser, Jr.	Registration No. 34,682
Keith M. Tackett	Registration No. 32,008
Douglas H. Elliott	Registration No. 32,982
William B. Patterson	Registration No. 34,102

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Moser, Patterson & Sheridan, L.L.P.

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Full name of first inve	ntor: M i	ELISA BUIE		
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	U.S.A.	Country of Citizen	ship: USA	

Atty. Dkt. No.AMAT/4213.P1/ETCH/METAL/JB1

Full name of second in	iventor: BRIGITTE STOEHR			
Inventor's signature:		Date:		
Residence:	1369 Alder Lake		•	
	San Jose, California 95131			
Post Office Address:	Same as above.			
	U.S.A. Country of Citizensh	ip: GERMANY		
Full name of third inve	ntor: GUENTHER RUHL		A > 0	1
Inventor's signature:		Date:	April	05 2002
Residence:	Josef-Martin-Bauer-Strasse 51		V	, -
	D-84405 Dorfen, Germany			
Post Office Address:	Same as above.			
	U.S.A. Country of Citizensh	ip: GERMANY		

(DECLARATION ENDS WITH THIS PAGE)